

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S52	6	((("5924081") or ("4458187") or ("4284208")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/19 08:55
S54	1	("20020113615").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 15:24
S53	3	((("5924081") or ("4458187") or ("4284208")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 15:24
S55	468	(221/129).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/03 20:46
S56	142	S55 and (transistor switch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 20:51
S58	27	("3529707"   "3828903"   "3891893"   "4090225"   "4173029"   "4220235"   "4225056"   "4231105"   "4234070"   "4284208"   "4328539"   "4354613"   "4367760"   "4372464"   "4458187"   "4463446"   "4504773").PN. OR ("4604557").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 20:53
S59	9	("4604557").URPN.	USPAT	OR	ON	2007/01/03 20:54
S60	18	("3529707"   "3828903"   "3891893"   "4090225"   "4173029"   "4220235"   "4225056"   "4231105"   "4234070"   "4284208"   "4328539"   "4354613"   "4367760"   "4372464"   "4458187"   "4463446"   "4504773").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 20:56
S63	326	S55 not S56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 21:26
S62	36	S61 not S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 21:26
S65	1	("3451518").URPN.	USPAT	OR	ON	2007/01/03 21:32
S57	32	"318"/\$.ccls. and (vending near4 machine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 21:35

## EAST Search History

S66	445	"318"/\$.ccls. and multiplexed	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 21:43
S68	161	"318"/\$.ccls. and (multiplex\$4 near4 motor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 21:47
S67	29	"318"/\$.ccls. and (multiplexed near4 motor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 21:47
S64	325	S55 not (S56 S57 S58 S59 S60 S61)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 21:48
S71	388	S70 not (S56 S57 S58 S59 S60 S61 S67 S68)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 21:56
S70	394	221/258.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 21:56
S69	132	S68 not (S56 S57 S58 S59 S60 S61 S67)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 21:56
S73	146	194/200.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 22:21
S61	60	"318"/\$ and (vending near4 machine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 22:26
S74	1594	( (vending near4 machine) and motor).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 22:27
S75	174	( (vending near4 machine) and motor).ab. and (sens\$4 detect\$4) and (switch\$4 transistor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 22:28
S79	8	S78 not S77	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 22:31

## EAST Search History

S77	39	( (vend\$4 near4 machine) and motor).ab. and ((plural\$4 multiple multiplicity) near4 motor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 22:31
S76	39	( (vending near4 machine) and motor).ab. and ((plural\$4 multiple multiplicity) near4 motor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 22:31
S81	72	S80 not S78	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 22:32
S80	119	( (vend\$4) ).ab. and ((plural\$4 multiple multiplicity) near4 motor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 22:32
S78	47	( (vend\$4) and motor).ab. and ((plural\$4 multiple multiplicity) near4 motor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 22:32
S72	353	S70 not (S55 S56 S57 S58 S59 S60 S61 S67 S68)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 22:33
S83	144	S75 not (S55 S56 S57 S58 S59 S60 S61 S67 S68 S70 S78 S80)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 22:45
S82	64	S80 not (S55 S56 S57 S58 S59 S60 S61 S67 S68 S70 S78)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 22:45

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	1	(parallel and switch and contact and row and column and grid and home and detect\$4).clm.	US-PGPUB	OR	ON	2007/01/04 19:57